

No 6

No. 514
簿 習 練
製館書印務商海上

Diary No 6

Illegraham
Smithsonian Diary
no side, from
Feb. 15, 1929 8

Mammals up to
date include
mammal no 156.

Boxes include
box no 234

Feb. 15. Last night I
took care of bird specimens.
Today I went on a long
hunt up a canyon
northwest of here and
secured 23 birds. The
village of Sāi Ping
Isang² is in the canyon
where we collected. There
was most beautiful scenery,
high mountains in front
and on both sides ~~rocks~~
forests, green hillsides, etc.

Feb. 16. In the morning I went
for ~~the~~ a three-hour hunt,
securing seven birds. I
saw a large eagle, but did
not get a shot at him.

I also saw a flock of bamboo partridges. I expect to leave Tuesday a.m., and shoot as I go down the river to Kitling. This evening I prepared the skeletons of 26 birds.

Feb. 17, I skinned four birds and cleaned two bird skeletons. We are drying bird skeletons in the oven so the meat on them will not decay and stink. My regular bird skinning is not along with me. Since leaving Suijue I have taken care of nearly

a hundred birds. I have saved nearly twenty dollars Mexican because the skins was not along and I have done the work myself, but it slightly limits the amount of specimens that I can collect and take care of.

Feb. 18. Today I made 12 anthropometrical measurements. Then I went hunting and secured ten birds, some of which seem rare and interesting. One red bird looks like some that I secured

near Patienba.

Feb. 19. Today I cared for five bird specimens, and took anthropometrical measurements of ~~five~~ one Chinese. I also visited two Chinese temples, noting the gods &c. I spent some time packing for the trip down the river to Riating. I expect to leave on a raft tomorrow morning.

Feb. 20. Went by raft to So² Ba⁴. Shot

a number of ducks and a kingfisher. One male fishduck seems to be important as a specimen. I am sure that I secured a specimen a few years ago, preserving the skin, so I am preserving the skeleton of this one. I have killed a number of fishducks hoping to get the rarer kind *Mergasmus squatarus*.

Feb. 21. Today I killed one of the eagles. I killed it just above Hong Ya. Since I

previously sent in
two skins, I am
sending in the skeleton
of this bird. Otherwise
today's catch has been
disappointing. It was a
bright, sunshiny day,
and that may be a reason
why good specimens could
not easily be secured.

I saw a second eagle
of the same kind below
Hong Ya, but I could not
get near it. It was on
an island where the
raft could not get near
it. There are many
fierce-looking stones

and wild rapids in
this river between
Yochow and Kiating.
Ordinary boats could
not navigate this stream
in some cases, but the
rafts made of large bamboo
do it quite successfully.
Feb. 22. This morning
there was a full moon
and a clear sky after
midnight, so the boatmen
started travelling down
the river about two-thirty
A.M. It became foggy
about daylight, but the
raft did not stop. We
arrived at Kiating about

10.30 a.m. I expect to spend tomorrow in the Han Dynasty tombs and Sunday visit temples. I will also hunt birds. This afternoon I hunted gulls, which are often seen flying above the Min and the Ya Rivers. It was a hot, sunshiny afternoon, and there was not a gull in sight. They apparently fly around earlier and probably later in the day.

This afternoon I

called on the city postmaster. He showed me three images of men and one of a foul from the Han Dynasty tombs. They were unglazed earthenware. Most Chinese believe these Han Dynasty tombs to be Mantsi caves, but to my surprise the postmaster said they were Han Dynasty Chinese tombs, and that these images of men went back to ^{rooted} or were back in an earlier custom.

of actually killing people
and burying them in the
tombs or of burying people
alive. He had apparently
reached this conclusion
through the study of
the materials themselves
and of other histories
sources, such as ^{historical} the

Feb. 23. I sent Lhen²
Gih Yien across the
Min River to look for
artifacts on that side of
the river, and with
two coolies I went to the
caves about ten li
northwest on the Ya
River. Lhen Gih Yien

got nothing of value,
but got into a cave
where there was a wild
animal that may have
been a wolf or a Fox.
He attacked the animal,
but it got away. He bumped
his head on the roof of
the cave-tomb and raised
a good, big bump. I got
much more than he
did, but was somewhat
disappointed in the number
and value of the artifacts
collected. I secured two
birds, one of which I
believe is new as far
as my collecting is

concerned. I made some diagrams of caves &c. When I was about to return to the city, I saw a rabbit chased into a patch of high grass about a mile long and a quarter of a mile wide. I spent some time hunting for him, but did not find him. I did a good deal of walking and climbing today, and also did a good deal of work with the hoe. In many of the caves I

had to lie flat and crawl into the caves and out of them.

Feb. 24. Today I had to speak twice in the local church. When I first began this matter worked in the Han Dynasty tombs, but got nothing worth while. We have covered many of these tombs, and it is getting harder to secure artifacts worth while. However, I can not be sure that he tried hard, and really did his best. He is quitting as soon as we

reach Snifu, and I will try to find and train another man at once. I do not think he has been doing faithful work at Yaohow during the past few months. This afternoon I went across the river near the great Buddha and visited a number of the old tombs on that side of the river. I took some pictures of some artifacts from the Han Dynasty tombs that are in the hands of the Kiating Postmaster.

Feb. 25. Finished packing this morning, and started down the river towards Snifu. Killed two gulls before leaving Kiating. I saw gulls as far down the river as Lehien Way or Kienway. They are not ~~out~~ at Snifu. Stopped for the night at Yao-ku-to.

Feb. 26. We struck a hard, up-river wind. It was so strong that the boatmen on another boat got off and pulled the boat downstream by the bamboo rope ordin-

are used in pulling
boats upstream. For
six or seven miles three
men walked downstream
on the other side of the
river, and we ~~did~~ did not
go any faster than they
did. Either the robbers
have been scared away,
or they are busy enjoying
the New Year season,
for none of them are
busy on this part of
the river just now.

On the way to Yachow
I had a heavy escort,
but I have none just
now. We are stopping

at Sinshih Pier tonight,
40 li from Sinshih.
Feb. 27. at about 2:30 A.M.
the moon was very bright,
so the boatmen started for
Sinshih. They came to a bad
rapid, and were soon
stalled on some rocks
with danger that the
boat would be wrecked.
Life-boats began to
hover about like vultures
around a carcass. They
would have demanded
big sums of money to
save us if we had been
wrecked. I jumped out
of bed and worked for some

time with bare feet - later took time to put ~~my~~ shoes on. After working over an hour we got into the right channel and got over the rapid. We started to land at ~~the~~ Sibochi, but missed the landing and barely missed being hurled against some rocks. We turned back into the main stream to avoid the rocks, and finally landed in a little bay and anchored until morning, when we came on to Sippe. Spent the rest of the day unpacking, receiving callers, etc. a letter from my wife

tells about that the whole family, including my wife, has had the flu, my wife and the baby quite badly. Feb. 28. Today I have had the skinner drying bird collections all day.

When Gib Yen has done unsatisfactory work collecting in Yachow. He had trouble both with foreigners and with Chinese. He did not do faithful collecting, securing only a fraction of what he could have and ought to have secured. He was in a big gambling deal,

and one of the men who
lost was a nurse in our
Yachow hospital. The
nurse felt so badly that
he committed suicide. When
I had been said that the
hospital persecuted him
so much that he committed
suicide, and started to
cause a big disturbance
against the foreigners by
arousing the Chinese servants
who were employed by the
foreigners to strike etc.
He was persuaded to
desist, but came within just
a little of unjustly harming
the foreigners at Yachow.

Because he was sending
in so few specimens I
instructed a friend at
Yachow to discontinue
his salary and send him
back to Suifu. He wrote
a letter to me stating that
he had lots of specimens
on hand, and that he had
written two letters telling
about his unjust treatment,
one to the Smithsonian
Institution and one to the
American government.
What he wrote, if he
wrote at all and who
received those letters I
do not know. I sent him

word that if he worked
and secured specimens
as he ought, his wages
would be paid. He braced
up, and had some good
specimens when I reached
Yachow, but said he
was determined to quit
and go into business. He
said he wanted me to
bring him back to Suiju
which I have done. We settled
up finally today. He showed
a bad spirit, and tried to
find ways to compel me
to give him more money
than was due him. I am
glad I am through with

him and have already
taken steps to secure
a new collector.

I hope to get some of
my specimens dried and
forwarded to the Smithsonian
Institution in a few days.

March 1. Chen Jih wen
has asked permission
to bring in any specimens
that he may run across,
and of being paid in proportion
to the number of specimens
secured, which I have
agreed to. If he brings
nothing he gets nothing.

Since returning to
Suiju I have had a

very strenuous programs.
I have taken no time
to rest, and have barely
taken time to eat properly.
The result is that today
my digestive organs
got badly upset. They
are feeling better now.

March 2. Today with the
help of the Skinner Ho
I packed several boxes
of bird skeletons. A
letter from the American
Express Company shows
that all the 216 boxes
of artifacts and specimens
that I sent in during
my first year with

The exception that
either one number
was skipped or the
box with that number
must have been lost
have been received and
forwarded to the Smithsonian
Institution by the
American Express Company.
This is pleasing news to
me, of course.

March 3. a boat coming down
the Min River was fired upon,
and then robbed. One man was
killed and one wounded.

I recopied all the
anthropometrical measurements
which I took at Yachow.

I labelled a few boxes of specimens I have already filled boxes including number 243 and probably have enough material on hand to fill fifteen more boxes.

It is a problem to get paper strong enough to wrap these boxes on the outside.

Mar. 4. Labelled and packed boxes 244 - 245.

I secured a salamander 44 inches long, or 111.8 m.m., and having a head with the breadth of 18.5 m.m. I am sending it along after it is

well cured in formalin.

I have packed seven boxes of fish. The carpenters are making boxes just the right size for the fish. Because tin is apt to rust and spoil the fish, I am trying the experiment of making boxes into which the fish fit closely, and simply putting the fish inside these boxes wrapped in cloth that has been soaked in formalin.

I ~~very~~ nearly got a good mammal today, but lost it because I tried to get the man down. He

got mad and went away.
March 5th. Today the carpenter has been busy making boxes for specimens. I took one anthropometrical measurement. I packed several boxes of specimens, and labelled two. I took a long walk, and secured a few insects. I secured a few fish specimens. I gave a prospective collector a little instruction and developed one of the films I exposed on the trip to Kiating. I also took several pictures.

March 6. Today I had the

the carpenter ~~make~~
make some more boxes for ^{shipping} future specimens, and purchased a large bird. I'll have to get some new oilcloths made for the collecting of ext summer.

March 8. During the past few days I have been getting boxes made for the future ^{shipping} of specimens, and this morning I worked out a financial statement of the Smithsonian accounts to date, which will be mailed to Dr. Wetmore tomorrow. Within the next few days I expect to mail all the specimens I have

on hand excepting a few
fish that are not quite pickled.
Then I want to take a trip
up the Yangtze River to Shui
Kiang, four days west of Sui-pu.

I have already labelled
boxes of specimens up to
and including box no
256.

March 9. Today I packed
box no 257, artifacts from
the Han Dynasty caves,
and sent seven boxes to
the post office. All my
boxes are now properly
wrapped, labelled, and
ready to send to the
post office Monday morning.

Several flocks of
the large cranes have
flown over, migrating
northward.

March 10. Filled box no 258
with artifacts from the
Han Dynasty tombs. The
West China Union University
would like very much to
secure these artifacts, for
not a few of them have
not yet been found by
any body else.

March 16. I have been preparing
for a trip to Shui Kiang,
just beyond Pin Shan
on the Yangtze River west
of Sui-pu, on the Yunnan side.

Feb 22

When you were asked that he be given some collecting materials and be allowed to bring in what he could receiving pay in proportion to what he brings in. I have consented, for in this way we shall pay only for what we receive.

I have sent for a young man to come and learn collecting going with me on the Shui Jiang trip, and being taught each day, but he has not come. Just now I am meeting a few discouragements collecting.

March 17. I was vaccinated before starting this morning. Traveled 98 li to Ngan Bien or An Bien. Scoured five birds, but only one that was specially interesting. Passed a small lake on which were what I think were grubs. The Chinese navigate this lake in tiny boats that can hardly hold two people, and are much in danger of filling with water. I wounded one bird, but it got away through its skill in diving. I got very few insects.

Before starting on this trip I mailed all the boxes that I had filled excluding box no 258.

March 18. We travelled 120 li to Lin Shan, F.S. or Flat Mountain.

There is a high mountain near here flat on top.

This was a very long trip to take on such a hot day. 100 li is a long day's journey.

Last night about 11:30

the messenger Lin

Shuang Bin came and knocked loudly on my door. He had

a letter from Yang Fong
Tsang who has killed
two leopards, and has
their skins and skeletons.
They are worth at least
\$75.00 gold. I have
sent the messenger
to tell Yang to bring the
specimens at once
to Suifu. People
have brought a lot of
pressure on Yang Fong
Tsang to get him to
sell the skins and
bones. Mammal no 187
" " 188

March 19 travelled 90
li to Shui Ging. Yester-
day and today I saw many

fields of growing opium,
some of them in bloom.
The poppies are the
white variety - that is,
their flowers are white.
The white poppies are
said to yield the best
opium:

Generally the ground
covered on this trip is
good collecting ground.
This time it has been
very poor. Probably
the reason is that
the weather is very
hot and dry. It rained
hard at Sipu a few
days before I left.

no rain fell this side
of An Bier. The ground
is very dry and hard, and
insects are very few.
I got four birds
today ~~at~~ ^{at} ~~time~~ photos,
but they are not
uncommon birds.

The floods last
year did a great deal
of damage to the towns
along the river, destroying
many houses and temples.

March 20. Secured a few
good insects

March 21. Killed three birds
and secured some more
insects. I was invited to

a Chinese feast.

Today is my birthday but nobody here knows it, as ~~the~~ ^{the} day has passed away very quietly.

March 22. I have made arrangements to leave for Sijiu by boat tomorrow. Packed for the trip down the river, and labelled specimens.

Today I saw a Chinese beggar who was born at Sui-Bo, west of here. His hair is like that of a towhead, flaxen. He squints his eyes

nearly shut all the time. I took his picture and had someone open his eyes enough so I could see their color. They are blue. He is apparently much ashamed of it. His skin is white.

I walked a long way, but got only one bird, a rather common one.

I do not waste ammunition on the most common birds. ammunition is too hard to get.

March 23. My ammunition is getting so low that I am going to use it very

sparingly until the summer collecting trip, for it is not at all certain that more can get to me from Shanghai. I will practically leave out shooting birds. I will bend my energies to preparing for the summer collecting trip, and will emphasize the securing of fish, trapping through collectors (I ^{of course} ~~of course~~ ^{etc.} must replace many of the oil-cloths, for they are in a very bad condition.

Because of the continued draught, the official here has ordered praying for rain. Already priests are reading the sacred books

of the Dragon King, dressed in ceremonial robes, accompanied by the beating of drums, gongs, and timbrels, and with much bowing to the gods. Boys are getting ready to have the dragon parade. They are naked above the waist, and wear on their heads wreaths made of green willow twigs and leaves, and have a straw dragon in the parade. People throw water on the half-naked boys.

This afternoon I received a telegram with birthday greetings from my wife and family.

March 18, 2
met a solo at Pin²
shan. He stated that the
clan system, of families
of the same name and des-
cended from the same ^{ancestors}
living together, and marrying
only members of other ^{Clans}
exists throughout solo land.
He said that the solos
used the mouth harp,
and that in marriages
a cow, sheep, and wine
are given for the bride
as a sort of a purchase-
price.

I have travelled
from Ssia to Shui
jiang many times.

The process of deforestation
is going on up the west of
Pin² Shan. Large trees are
being cut down, and new
trees are not growing in
proportion to those cut
down. grass-fires (the
grass grows very tall)
are helping along the
process by killing the
young trees. This
section may become
semi-arid like that
west of the Pa-Shiang-
Pin Pass, especially if
this process goes on.

March 25. I did not get
off yesterday, because ^{there}

were important matters not yet attended to. This morning we got a late start, and reached Ngan Biens. The boat is a large one. I secured an escort from Pin Shan to Ngan Biens. The deforestation is less evident as we approach Suiju.

One of the bothers in over-land travel in China is that a coolie carrying a ^{heavy} load is likely to secretly throw away some of it. This time I have been anxious about the disappearance

of the anthropometrical instrument for measuring chests. It disappeared on the way to Shui Jiang. I sent a trusted coolie down the river, to enquire at all the stopping-places, such as inns, &c. ~~before~~ we found the instrument in our Chapel at Ngan Biens tonight, where the coolie ^{chucked} it secretly off his load just before starting from Ngan Biens to Pin Shan. It is lucky that he left it in our chapel instead of a strange inn.

March 26. In the morning at Ngan

When the opium-tax collector came on the boat looking for opium. There was no opium. But he demanded a squeeze or a bribe before allowing the boat to proceed. The captain offered him a small sum. The collector demanded a larger amount. Words grew warm. The tax-collector struck at the captain with his iron cain. The captain warded off the blow, and shoved the collector down the hill. The collector had the captain arrested and publicly spanked until his hips were blue. We reached Suiju about 1:30. My friend Mr. Edgar, F.R.G.S., was in Suiju on his way to Tatsienlu. We had a fine

visit, with thousands of interesting things to talk about. We hope the Smithsonian Institution will back a collecting expedition in 1930 into Tibet, as far as I can go. Mr. Edgar will then go along with me as guide, without salary or ^{expenses}. He can speak Tibetan.

March 27. I am getting odds and ends of work settled, hoping to get specimens packed and forwarded soon. Yang Song Tsang should get in with specimens soon. Last night it rained.

March 28; a notice from the post office today will make some difficulties in forwarding some of

the specimens. Those in alcohol or formalin will have to be sent to Shanghai in care of a friend rather than by parcel post.

Yang Fong Tsang is overdue. He may be having some trouble.

March 29. Filled boxes

259 - 264.

April 2. It has been raining hard during the past few days. The messengers Jin and Yang Fong Tsang are long overdue, and there is no word from them.

A letter from Yachow

says that the Roosevelt party has been at Moupin seeking the white bear. I am very anxious to try my luck getting that bear next summer, also the golden-haired monkey and the white leopard.

Today I sent six boxes of specimens to the post office.

There are reports of war in East China, and rumors of coming civil war in ~~Szechuan~~ Szechuan Province.

April 4. Yang Fong Tsang has arrived with his two leopards. There are also forty seven small mammals. I spent

a good deal of time labelling the specimens, reckoning accounts.
There are five bird skeletons and skins. Mammals no 189-234 were all small mammals. Small leopard, no 235 Large. " " 236

This work kept me busy until after eleven P.M. In the afternoon I had a physical examination, and am in good physical condition. April 5. Last night I took the two leopard hides and skeletons into my bedroom, because in any other room in this house rats might

get in and injure the specimens. A large rat evidently smelt the specimens, for about twelve o'clock one began gnawing loudly on the wood-work on the outside of my room trying to get in. He kept this up three hours, in spite of anything I could do, merely stopping temporarily when I made a noise. Then he gave it up and went away.

Yang Fong Tsang caught the small leopard in a trap, but to secure the large one he had to secure the help of several hunters who claim most of the specimens. I have had

to reward them twenty dollars gold. Such difficulties are generally faced by getting large mammals excepting when one is fortunate enough to secure the specimen himself.

The coolie who brought Yang's load is a Lehuan man, so I took his anthropometrical measurement yesterday. ^{See note} Filled box 265, bird and ^{See note} ²⁶⁶ ratskins, ^{See note} 266, filled with fish ^{See note}

6 Purchased a strange fish. Took two anthropometrical measurements today and some pictures.

The Eastman films ordinarily have paper

and mileage so that you can stick the second end of the film fast. The last batch can not be stuck fast, so that the films rolled up in a bundle and spoiled. This makes it necessary to send the films to be developed instead of developing them in my own tomb.

A number of people have called to see the two leopards today.

I have spent much time getting Yang Long I-sang ready for his work during the next two months. He leaves tomorrow.

Saturday, April 6. I spent today on the nearby mountains collecting.

I did not see a single thing worth shooting, but caught a number of insects. I spent some time training a man who might possibly do as a collector.

It was a good day, but tonight it is raining hard.

April 7. This afternoon I went out collecting with a new man who wants the job of collecting. I will give him some training, and if he makes good he can have the job.

April 8. The new collector worked by himself today, and while he brought back a number of insects, he brought back nothing while. I suspect that he is not bright enough to do the job, but can not be sure yet. I bought lumber with which to make boxes in which to ship the

Leopards and other Specimens
Apr. 11. During the last
three days I have been
packing specimens, and
having the oilcloths
repaired. Some of the
oilcloths are in ^{so} bad
condition, but I am ^{repairing} them
rather than securing
new ones.

It rained hard all day
yesterday. I was inoculated
for typhoid Tuesday evening,
and felt very poorly yesterday.
The netter worked today
again.

Apr. 12. One man went after
water insects today, and did

not get many. Another man
went after flying insects,
and did not return with
his catch. I wrote to
the postmaster today, and
if he says it is safe to
ship specimens, I'll soon
send the largest box I have
yet sent, one containing two
leopard skeletons, and
some other specimens.

There is evidence ~~that~~ of
civil war in the northern
part of the Province, but this
city does not seem to be
disturbed much about it.
Almost every day I am making
preparations of some kind for

the collecting next summer.

Took one anthropometrical measurement.

April 13. Glad one netter working near Suiju today. Secured a small mammal, Mammal No 237.

I am getting scared lest the Smithsonian Institution will not back up the collecting expedition to Moupin next summer. I ought to yield the richest results yet secured, a steamer with mail sunk in the Yangtze River, so Smithsonian

letters may have been lost. Apr. 14. The Collector Shiao seemed so little that it seemed evident that it was a waste of money to employ him, so I paid him off and sent him home. He is not bright. It takes a little brains to net or collect any kind of specimens.

Filled boxes 265, boxes

266, ratskins, 267 bones

268 animal skins 269. ²⁶¹ fish

Box no 270 ratskins 271, fish

272. birdsskins & 273. leopard skeletons.

April 15. I have been a little under the weather during

the past few days. Took a dose of salts this morning.

Spent some time putting final labels and wrappings on several boxes of specimens. Box no 273, containing two leopard skeletons, is the largest and heaviest that I have sent.

I received word from the post office that it was not accepting and forwarding packages by parcel post at present. That means that I'll have to wait awhile for the next shipment.

Mail has not been coming up the Yangtze River for some time.

April 8. Having lost one netted, I am trying to get a new netted that is worth his salt. It is not an easy task. The last man I tried was practically useless. Today I am sending a messenger to get a young man I know, hoping that he will be all right. I

It is reported that steamers will be coming soon, and then it should be possible to forward the next shipment of specimens.

Filled box no 274, a large salamander Length 111.5 mm, 4 4/5 inches. breadth of head 18.5 mm.

April 19. Lehen Jih Yen, our netter for several years, came in today with five large bottles and eight small bottles of specimens, and one box of insects. I paid him about two dollars and five cents gold, and he is satisfied. At Yachow he secured about the same number of specimens in one month, and he received about seven times as much pay for it as wages and food account. There is no doubt that he played possum at Yachow. He is going

with me on the collecting expedition, and I can then watch him all the time and get very good work out of him. He is not on salary now, and is merely paid a small amount for the specimens he brings in. I am trying hard to find a netter that I can keep on time all the year.

Filled box no 275 mammal skins and skeleton. Boxes no 276, 277, 278, containing fish specimens.

P. M. This afternoon

a young fellow came in who wants to learn to be a netter. I am going to try him out.

This afternoon I took another anthropometrical measurement. Apr. 21. Spent much time copying Chinese male anthropometrical measurements 51-75 for Dr. Hrdlicka. The work is unfinished.

I took the new netter out to give him some training at netting insects.

April 23. I have taken a short trip to Si Chuan. Secured two birds and some insects.

It is now certain that civil war has actually begun in Szechuan Province. April 24, mail has not gotten through from Shanghai for one month, probably because of warfare at Hankow and at Ichang.

Apr. 24 Today the new collector, Shiao, aged 16, having been put up to it by the older collector, struck for the same pay the older and more experienced collectors are getting. I told him that as he learned and gained experience I would add, but I would

not add to his wages on any other basis - that is he did not want to do the job under that understanding, he could return home. He decided to continue. I am really training and trying out the new collectors, playing the two of them "pots" together about what I was playing when Ichien before he was taken off the salary list.

Today I purchased four vases made out of the tree-stalks of fern-trees which are found only in a locality near Suifu.

Since they are rather heavy, I shall probably send only one to the Smithsonian Institution.

I copied Lehines male anthropometrical measurements 51-75 to send to Dr. Strdlicka and will mail them tomorrow Apr. 25. Today was a rainy, cold day, so little could be accomplished.

The postmaster informed me that there is fighting near Fu Lehou, east of here, and that there has been fighting

at Ichang. Letters are not getting through from Shanghai, so we have received no letters from America for at least a month.

My specimens can not at present be forwarded, but must await the end of civil war in Szechuan.

I have gone over my ammunition, and find that it is as follows -

Dust shot, 415 rounds

No ten shot 230 "

" sevens 10 "

no. sixes, 20 rounds
" fives, 325 "
" fours, 20 "
" ones, 125 "
BB's, 145 "
Bucks, 150 "
Newton High power, 130 "
32 extra long, 120 "

I am shortest of the birds which I need the most, no ten shot, and 32 extra long loaded with dust shot.

This makes rather scant supplies for the Moupin trip, but with careful economy we can do with what

we have. I will
probably do no
shooting until next
summer so as to
save my ammunition
for the summer collecting.

The ammunition which
the Smithsonian
Institution sent to
Miss Faez for me
can not possibly get
to me in time for
the summer trip.

April 26. I spent the
morning cleaning up the
room where the collecting
outfit is kept, and in
straightening these articles

around. I also wrote
labels on some of the
boxes of specimens. This
afternoon the sun came
out, and the new netter
collected some insects.

April 27. Today I had
two men out netting,
one after water insects
and one after flying
insects. Some of the
water insects were interesting.

Apr. 28. Today I took anthropometrical measurements
of two Chinese men. I wrote
to Yachow and to Tatsienlu
re future collecting.
For over a month now,

mail has not come ^{through} from Shanghai. It seems certain that neither ammunition nor photo supplies will reach me in time for the summer collecting trip. I will keep the films I have on hand, and very carefully take care of my ammunition.

Just now I can not forward the specimens on hand to Shanghai. I will have them all ready to mail as soon as it is possible to do so.

April 28. The reports on the

street today are that fighting has ceased in Szechuan, at least temporarily. We hope the reports are true.

For the first time in nearly five weeks foreign mail has arrived. There are several letters from the Smithsonian Institution. I expect to take the trip to Moupin this summer.

This afternoon I went across the Yangtze River looking for a field mouse which I caught sight of, but did not capture. I have set two traps. This mouse was yellow, and had a dark

strike down its spinal bone.
Apr. 30. No field-mice were
caught. The new netter
Shiao is leaving tomorrow.
I think it is as well, for
I do not think he could
make good.

I spent a lot of time
on my accounts, and
nearly have them
straightened out.

May 1. Filled box no 279, insects

" 280, bird bones + insects.

All these boxes have
been wrapped and are
ready for mailing.

I have now secured
bottles enough for the

summer collecting trip.
There is severe fighting
in central Szechuan, with
many wounded. Some
of the wounded have arrived
at Suiyu.

May 2. Packed box no 281, insects

" . . . 282 snakes

May 3. Took a trip to the
nearby mountain to collect.
Secured two birds, some
good insects, and a snake.

A leopard was killed on
the mountain ^{yesterday}, but I did
not get to see it. I went
to a cliff and by a rope
let myself down to an
old leopard hole, but there
was no leopard.

May 4, a collector went out to collect water insects, getting a few.

May 5. It rained hard all day.

May 8. A new collector started in today. He acts as though he wants to learn and to keep his job. I went out to show him how to net. I saw a white flycatcher. We secured some good insects. Mailed nineteen packages of specimens, one the largest I have ever sent, and several others large. Caught a snake.

May. Netter worked all day collecting insects, worked on the Smithsonian accounts.

May 9. I went out with the new netter, Huang, to give him some new instructions.

May 10. Netter Huang brought in a few insects.

May 11. Today I spent some time packing the first box for the summer trip. The new netter has a sore foot.

May 12. The doctor found that the new netter has a bad case of syphilis, so I have paid him off and dropped him. I am sorry, for he seemed a likely person.

May 13. Called a new man to learn collecting, named Jim. Spent part of the afternoon and an hour after dark teaching him.

May 14. Cold and raining all day. Spent much time fixing travel boxes &c for the summer trip.

When Jim was brought in some specimens.

The American Express Company reported that it sent a shipment of Specimens via the Suez Canal. This might have been a typographical error. I wrote and urged that

they send specimens by the speediest route, meaning the speedier route as between the Panama and the Suez Canal. They have sent a shipment by land across the United States. I am therefore telegraphing to send it by the Panama Canal.

MAMMAL 238, mouse.

Apr. 15. A cold, rainy day when nothing could be collected. I took one anthropometrical measurement, and had the collector work on the travel-boxes to be used this summer. Many

of the ropes were worn out and had to be changed. Prepared some films for mailing to Dr. Wetmore.

May 16. Today the weather cleared up, and tomorrow the insects will be out. It is also rather warmer. Mailed some more films to Dr. Wetmore.

May 17. Purchased four mammals, a mother and four pups, or kittens. Mammals no 239-242

May 18. At daylight I went to the mountains where a young leopard was trapped in a coal mine. I gave him three shots with the 44 revolver, and one with the Newton high-power rifle.

The first shot probably killed him. He was in too helpless a position to be exciting. Many visitors came to see the leopard.

Mammal no 243. When farmers or hunters cooperate with you in getting a large mammal, they expect a big reward from you.

May 19. Secured another mammal

Mammal no 244.

It is different from the one I secured on the seventeenth.

May 20. Filled ~~box~~ no 283, insects. Box no 284 skeletons.

Box 285 bones of young ~~Leopard~~
Today the new netter,
Jin, said that he could not
collect regularly, but only
occasionally. So I am
not counting on him as
a regular collector. I
have had a very hard
time getting a third person
to collect.

May 21. Filled box 286.
Frogs. Box 287. insects.
and eels Box 288. frogs.
Box 289, snake
Box 290 shrimp.
291, snakes.
292, frogs 293. insects
Box 294 insects

Secured mammal no 345,
a young fox.
May 22 Filled box 295;
snails Box 296. Clams
297 frogs and insects.
Purchased mammal
number 246.

May 22. I took one
anthropological measurement.
I spent some time wrapping
and labelling boxes of
specimens. I went to
the post office to see if
packages could get
through to Shanghai. Just
now they can not.

Filled box 297, bones
of mammal specimens.

May 23. Today I spent considerable time packing for the big summer trip, and also drying the mammal skins over the stove. It takes care so as to get them dry, but not to scorch them. Some one brought around a live cub bear, very small, but it was probably of no special value.

May 24. The day has been roasting hot. We have wrapped some of the packages to be ready for shipping.

I took some anthropometrical measurements, and secured some insects.

A bad accident has happened. The shutter on the Eastman kodak will not work. I will have to send it to Shanghai to repair it, and it can't get back by summer time. I will try my best to ~~get~~ borrow an Ansco kodak from a friend at Kiating. It is the same size as the Smithsonian kodak. It would be very ^{regrettable} to take this summer trip without a kodak.

25. Purchased a mammal mammal no 247

May 28. I am having a very hard time to preserve the mammal skins we have secured recently. I am disappointed a little. The summer evidently didn't get some of the skins free of fat, and the fat has done harm. The skins are ^{preserved} not as flat skins. The leopard skin is decaying around two of the feet. This skin should have been a flat skin, with the bones cleaned and

laid bare. We will try to do better work in the future, and to learn from this experience. The skins should have been fastened down as they dried. I am very much disappointed with this leopard skin, and am tempted not to send it but we will learn from this experience. It will help us avoid spoiling more important skins that we may secure next summer.

We have had hard rain ^{several} days, but today the weather ^{was} clear.

May 30 Filled box 298

mammal skins

May 31. I hardly dare hope that I have struck a streak of luck. A strong young man is trying the work of netter with the understanding that if he makes good, the job is permanent. He has gone off today to net water insects.

I am sending a messenger to make sure Yang Fong Tsang is coming, and the former netter left. I hope hopes that this summer will be one of the most fruitful I have spent in collecting, about twice as

fruitful as last summer.

I am very much disappointed with some of the recent mammal skins. The weather has been so hot that there has been danger of the skins rotting in some place, as actually happened with the leopard skin. I dried them ~~near~~ the stove, and two of the skins were scorched and discolored above the nose. It looks as though all the mammal skins above the ordinary rabbit skin will have to be preserved as flat skins.

June 1st, I went to the mountains to trassia the coolie that I hope will ^{act} ~~serve~~ as netter. Killed one bird. I am saving my ammunition for the Moupin trip, a very hot day.

June 2. Today was a busy day. I desribed two addresses. I gave the new netter some instructions and he went netting this afternoon.

war has broken out in Szechuan again. Boats are being commandeered.

June 3rd. Packed boxes 299, mammal skins. The new netter, Jai, worked all day catching insects. Worked a little getting ready for the summer excursion.

June 4th. Packed box 300, insects. Received two letters from Dr. Wetmore. Did considerable packing for the summer trip. It rained all last night and most of today.

June 5th. Filled box no 301, fish and one snake.

Mailed 17 packages of specimens.

June 6th. I spent some time

packing today. There was a long committed meeting that took considerable time.

I am building high hopes for the Moupin trip, but today some bad luck showed its face. I sent a messenger a few days ago to bring in my aborigine hunter, Yang² Fong⁴ Tsang's body. He returned. a large band of robbers is operating on the Yunnan border between the home of Yang Fong Tsang and Suiju. They have looted

several small towns. There is war between them and the militia. The messenger was unable to get to Yang Fong Tsang, and the latter may not get to Suiju for the Moupin trip.

Another indication of bad luck is that there is draught at Kiating and at Yachow, which has doubled the price of rice. This will mean that some of our expenses are higher this summer.

We will be disappointed if Yang Fong Tsang

is not with us on the Moupin trip. We need him badly. He will be safe where he is, for there are caves to hide in where an enemy hardly dares to draw near, but we may have to make the trip without him.

June 7. Chen Gih Men, the old netter, came in with six bottles of frogs, a large weasel, mammal no 248, six small bottles, and three boxes of insects, Box 302-304.

June 9. Received letters from Dr. Wetmore and Dr. Schaus.

Jan 10. To my joy Yang² Song⁴ Tsang arrived today, with six boxes of insects and a good number of snakes. He got a few mammals and birds, but this time he specialized in insects. We will have all the old collectors back again, and in addition a carpenter with a Chinese rifle, and a new netter whom I am training. This will be the largest number of collectors that I have had on one trip.

The mammals include nos. 249-254. There were

~~seven~~ eight bird skeletons.

Filled box 305 skeletons

" " 306 insects

" " 307 Mammal

June 10th filled
skins. Box 308 Pinned insects
June 10th 309 Insects 310 Insects.

311 Insects. 312 Snakes

313 Snakes. 314 Insects

June 10th filled and wrapped
boxes 308-314. Prepared
nine boxes of specimens
for shipping, and took
care of other specimens
that will have to
pickle in formalin
until next fall.

I am now
reckoning and

accounting for the
salaries of the skinner
and the aborigine hunter
until July first. Tomorrow
I will mail nine packages
the last before the summer
trip, unless I am able to
add one or two.

June 11. Mailed nine packages
of specimens, all that have
been packed, and the last
before the summer excursion.
There were a few very interesting
snakes and frogs in the lot.

Spent most of the
day packing with the
help of Yang Fong Tseng
and the new netter

Fai delivered an address in the church. I found that I did not have a sufficient number of oilcloths to cover the boxes, so purchased some more cloth, and am rapidly making more oilcloths.

I expect to leave Fui-pu Saturday, June 16th, making the trip to Moupin in eleven days, but going on soon westward through the great wooded valley between Moupin and Mong Lung or Mong Lung Ping, which is really the great

Moupin district. That will give me about twenty-five days, the longest time I have spent collecting, I think, at any one place. I have very high hopes of making this the most fruitful collecting trip that I have yet taken.

I have five collectors helping me instead of three. One of these is an old friend of mine who is a carpenter. He makes boxes very rapidly, and will make boxes as we need them. He also has

rifle, and will hunt and trap, and help in any way needed. I am taking a larger collecting outfit, on any previous trip.

Months ago I sent to the Eastman Kodak Company at Shanghai for films, but they have not yet reached me. I'll have some sent to me by mail.

I am short of ammunition, for the shells sent by the Smithsonian Institution are still at Shanghai. I will not get them until

a friend comes along who is willing to bring them along with him. I will save my ammunition and do practically no shooting until we reach the Moupin district. If I use up all my ammunition in the Moupin district I will think that that is the wisest use to make of it. I will try not to neglect any of the ordinary lines of collecting. Among other things, I will keep my eyes and ears open for white bear,

golden-haired monkey,
Tartar, and white leopard.
Of course I know that
some small, unknown
specimens may be as
valuable as or more
valuable than any of the
above, not financially,
but scientifically.

Dr. Wetmore has
instructed me not
to do any archaeological
excavating at Kiating.
I think he is wise in
so doing, although I wish
the Freer Art Gallery could
send an expedition into
Szechuan. Dr. Wetmore

has not said that he
wishes me to discontinue
the purchase of artifacts
that are not expensive, and
that are worth while specimens
for ethnologists or anthropologists.
I shall try to be more
careful in these purchases
in the future than in
the past.

Next year I hope
to take an excursion
to the interior of Tibet
with my friend, Mr. Edgar
F. R. G. S. A friend has
recommended me for
an F. R. G. S., but the
reply has not yet been

received.

June 13. This has been a very busy day. I have been packing and unpacking and packing, with the help of the Chinese collectors and Yang 'Fong' Tsang'.

Incidentally, I had two important committee meetings, and a number of callers. I had seven friends to dinner.

Tomorrow I will mail this diary and a financial report to date. Then I will begin diary number

seven, the account of the summer collecting expedition.

I am not taking the Victor Talking machine along. I want to cut down expenses where I can do so without lessening the results in specimens collected.

The main obstacle I now see to reasonable expense accounts this summer is the fact that food has doubled in price at Yachow and probably at

Moupin. I will probably purchase very few artifacts, spending most of the money on the actual task of securing biological specimens.

David Graham,
Suiju, Szechuan,
China

June 13, 1929

I have tried to have all expenditures to date accounted for, so there would be none included in the summer collecting trip.

Do not buy any hardware.

